Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
Data File : BF085463.D
Acq On : 15 Mar 2016 19:29
Operator : UM/SJ
Sample : PB88908BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88908BS

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

Quant Time: Mar 16 04:57:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	150325	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	610021	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	289777	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	527145	20.00	ng		0.00
75) Chrysene-d12	14.08	240	350017	20.00	ng		0.00
86) Perylene-d12	15.52	264	249258	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1057504	120.93	ng		0.01
7) Phenol-d6	6.55	99	1526165	134.54	ng		0.00
23) Nitrobenzene-d5	7.48	82	893336	86.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	338055	126.66	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	1670901	100.03	ng		0.00
78) Terphenyl-d14	13.03	244	1526554	98.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	141563	32.44	ng		97
3) Pyridine	3.38	79	414787	40.04	ng		96
4) n-Nitrosodimethylamine	3.33	42	184177	38.50	ng		98
6) Aniline	6.57	93	438643	28.01	ng		98
8) 2-Chlorophenol	6.70	128	449944	43.88	ng		95
9) Benzaldehyde	6.46	77	90293	14.26	ng		87
10) Phenol	6.56	94	620148	48.77	ng		99
11) bis(2-Chloroethyl)ether	6.65	93	415813	42.52	ng		94
12) 1,3-Dichlorobenzene	6.85	146	426965m	37.57	ng		
13) 1,4-Dichlorobenzene	6.93	146	441715	38.80	ng		98
14) 1,2-Dichlorobenzene	7.09	146	424063	42.45	ng		95
15) Benzyl Alcohol	7.05	79	358505	44.25	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	500641	37.60	ng		97
17) 2-Methylphenol	7.17	107	362396	42.22	ng		97
18) Hexachloroethane	7.43	117	166958	39.98	ng	#	87
19) n-Nitroso-di-n-propylamine	7.33	70	268321	39.50	ng	#	92
20) 3+4-Methylphenols	7.32	107	434072	47.17	ng	#	81
22) Acetophenone	7.33	105	563544	37.70	ng	#	98
24) Nitrobenzene	7.50	77	488496	42.02	ng		92
25) Isophorone	7.74	82	836614	39.76	ng		96
26) 2-Nitrophenol	7.82	139	229261	41.17	ng		99
27) 2,4-Dimethylphenol	7.85	122	443161	44.74	ng		96
28) bis(2-Chloroethoxy)methane	7.94	93	485825	38.62	ng		100
29) 2,4-Dichlorophenol	8.06	162	375018	46.67	ng		96
30) 1,2,4-Trichlorobenzene	8.14	180	365676	39.38	ng		99
31) Naphthalene	8.22	128	1154092	38.72	ng		99
32) Benzoic acid	7.97	122	213141	37.42	ng		98
33) 4-Chloroaniline	8.26	127	201309	15.70	ng		96
34) Hexachlorobutadiene	8.33	225	185730	38.27	ng		97
35) Caprolactam	8.64	113	121012m	46.12	ng		
36) 4-Chloro-3-methylphenol	8.76	107	416454	45.39	ng		93
37) 2-Methylnaphthalene	8.92	142	871698	46.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	301866	33.49	ng		99
40) Hexachlorocyclopentadiene	9.06	237	342460	78.62	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	249511	41.92	ng		98
43) 2,4,5-Trichlorophenol	9.24	196	258138	42.94	ng		94
45) 1,1'-Biphenyl	9.37	154	905413	38.28	ng		98
46) 2-Chloronaphthalene	9.41	162	747381	42.17	ng		99
47) 2-Nitroaniline	9.50	65	255644	47.64	ng	#	78
48) Acenaphthylene	9.82	152	1206806	42.09	ng		98
49) Dimethylphthalate	9.68	163	922229	43.62	ng		100
50) 2,6-Dinitrotoluene	9.74	165	181959	38.96	ng		90
51) Acenaphthene	9.99	154	792104	43.94	ng		99
52) 3-Nitroaniline	9.91	138	140454	25.15	ng		92
53) 2,4-Dinitrophenol	10.01	184	175386	69.54	ng	#	58
54) Dibenzofuran	10.16	168	1000642	45.19	ng		100
55) 4-Nitrophenol	10.07	139	290889	75.67	ng	#	75
56) 2,4-Dinitrotoluene	10.15	165	262563	44.82	ng	#	69
57) Fluorene	10.50	166	784002	44.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	183705	44.50	ng		98
59) Diethylphthalate	10.38	149	868132	42.42	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	351120	38.70	ng		98
61) 4-Nitroaniline	10.53	138	236975	45.13	ng		93
62) Azobenzene	10.65	77	902767	44.42	ng		98
64) 4,6-Dinitro-2-methylphenol	10.55	198	119104	37.82	ng	#	54
65) n-Nitrosodiphenylamine	10.62	169	742992	45.74	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	220987	41.42	ng		96
67) Hexachlorobenzene	11.05	284	236019	42.87	ng	#	93
68) Atrazine	11.14	200	239251	51.47	ng		96
69) Pentachlorophenol	11.25	266	250939	86.00	ng		99
70) Phenanthrene	11.46	178	1074985	39.15	ng		99
71) Anthracene	11.52	178	1262992	45.16	ng		99
72) Carbazole	11.67	167	1017200	42.99	ng		99
73) Di-n-butylphthalate	12.00	149	1326220	45.24	ng		99
74) Fluoranthene	12.65	202	1162019	45.02	ng		100
76) Benzidine	12.77	184	391614	36.02	ng		99
77) Pyrene	12.88	202	1184832	45.13	ng		99
79) Butylbenzylphthalate	13.50	149	524876	45.73	ng	#	78
80) Benzo(a)anthracene	14.07	228	864216	43.07	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	120921	17.80	ng		99
82) Chrysene	14.11	228	779631	43.19	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	622764	44.48	ng	#	96
84) Di-n-octyl phthalate	14.67	149	923961	45.20	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	676192	39.52	ng		97
87) Benzo(b)fluoranthene	15.11	252	731794	44.95	ng	#	94
88) Benzo(k)fluoranthene	15.13	252	569443m	44.66	ng		
89) Benzo(a)pyrene	15.47	252	606787	43.15	ng	#	96
90) Dibenzo(a,h)anthracene	16.99	278	566336	41.22	ng		97
91) Benzo(g,h,i)perylene	17.41	276	564066	40.20	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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